

**AMENDMENTS TO THE CLAIMS**

1. – 26. (Cancelled)

27. (Newly Presented) A light intensity control apparatus,  
comprising:

a light source driving device configured to drive a light source  
to generate a light having at least a first and second light intensity  
level, said second level being higher than the first level;

a first light intensity detection device configured to detect the  
second light intensity level and provide an output;

a second light intensity detection device configured to detect  
an average of the intensity of the light and provide an output;

a light intensity detection device selection device configured to  
select one of the first and second light intensity detection devices in  
accordance with a selection instruction;

a reference output device configured to output one of a first  
and second references of a second light intensity level and an average  
light intensity level corresponding to the selection instruction;

a comparison device configured to compare one of the outputs  
of the first and second light intensity detection devices with the  
corresponding outputted one of the first and second references; and

a driving current adjustment device configured to adjust a  
magnitude of a driving current configured to drive the light source in  
accordance with the comparison result.

28. (Newly Presented) A light intensity control apparatus comprising:

a light source driving device configured to drive a light source to generate a light having at least a first, second, and third intensity levels, said second level being higher than the first level, said third level being higher than the second level;

a first light intensity detection device configured to detect the second light intensity level and provide an output;

a second light intensity detection device configured to detect the second light intensity level and provide an output;

a light intensity detection device selection device configured to select one of the first and second light intensity detection devices in accordance with a selection instruction;

a reference output device configured to output one of a first and second references of a second light intensity level and an average light intensity level corresponding to the selection instruction;

a comparison device configured to compare one of the outputs of the first and second light intensity detection devices with the corresponding outputted one of the first and second references; and

a driving current adjustment device configured to adjust a magnitude of a driving current configured to drive the light source in accordance with the comparison result.

29. (Newly Presented) The light intensity control apparatus according to claim 28, wherein said third light intensity level is generated by determining a performance of the light source referring to the first and second generated light levels.